

FORM PTO-1449  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. / DOCKET NO. / SERIAL NO.  
BCO / 18098 / 10/663,136INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Frank LiuFILING DATE / GROUP  
9/16/03 / 2817

2611

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
h	AA	US 2004/0021517	2/04	Irvine et al.	330	151	
	AB	US 2004/0047432	3/04	Iwasaki	375	297	
	AC	US 2005/0017801	1/05	Bachman, II et al.	330	149	
h	AD	US 2005/0122164	6/05	Brandt et al.	330	10	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRNS Y/N
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
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Examiner: 

Date Considered: 12/1/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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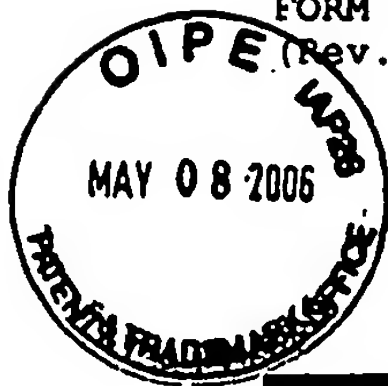
U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
QV	AA	6,449,465	9/02	Gailus et al.	455	126	
	AB	6,621,340	9/03	Perthold et al.	330	149	
	AC	6,834,084	12/04	Hietala	375	296	
	AD	US 2002/0098812	7/02	Sourour et al.	455	91	
	AE	US 2002/0186783	12/02	Opas et al.	375	297	
	AF	US 2002/0193085	12/02	Mathe et al.	455	126	
	AG	US 2003/0031267	2/03	Hietala	375	295	
	AH	US 2003/0095608	5/03	Duperray	375	297	
	AI	US 2003/0215025	11/03	Hietala	375	297	
	AJ	US 2003/0215026	11/03	Hietala	375	297	

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9/16/03 / ~~2817~~ 2611

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
<i>sc</i>	AA	5,524,286	6/96	Chiesa et al.	455	126	
	AB	5,598,436	1/97	Brajaj et al.	375	297	
	AC	5,905,760	5/99	Schnabl et al.	375	296	
	AD	5,952,895	9/99	McCune, Jr. et al.	332	128	
	AE	6,043,707	3/00	Budnik	330	10	
	AF	6,094,101	7/00	Sander et al.	331	17	
	AG	6,125,266	9/00	Matero et al.	455	126	
	AH	6,140,882	10/00	Sander	331	25	
	AI	6,147,553	11/00	Kolanek	330	10	
<i>✓</i>	AJ	6,255,912	7/01	Laub et al.	331	25	

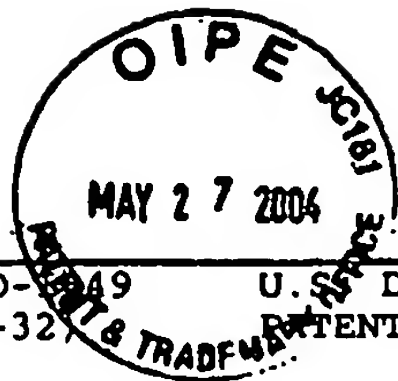
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Sheet 1 of 1

FORM PTO-549 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. / DOCKET NO. / SERIAL NO.  
MA / 18098 / 10/663,136

INFORMATION DISCLOSURE  
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APPLICANT  
F. Liu

FILING DATE / GROUP  
9/16/03 / ~~2817~~ 2611

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
2	AA	6,324,220	11/01	Sellars	375	296	2/00
1	AB	6,335,767	1/02	Twitchell et al.	348	608	5/99
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRNS Y/N
1	AK	GB 2 373 420 A	9/02	Great Britain	H04L	25/03	
1	AL	EP 1 122 893 A1	8/01	Europe	H04B	7/005	
	AM						
	AN						
	AO						

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